

IN THE UNITED STATES PATENT AND TRADEMARK OFFICE

In re patent application: Hoon HAN *et al.*

U.S. Application No.: 10/579,070

Confirmation No. 3303

Filed: May 11, 2006

Title: METHOD OF ISOLATING AND
CULTURING MESENCHYMAL STEM
CELL DERIVED FROM UMBILICAL
CORD BLOOD

Art Unit: 1633

Examiner: Fereydoun G. SAJJADI

Atty. Docket No.: 36470-231114

Customer No.

26694

PATENT TRADEMARK OFFICE

DECLARATION OF HOON HAN UNDER 37 C.F.R. § 1.132

Commissioner for Patents
Post Office Box 1450
Alexandria, Virginia 22313-1450

Madam:

I, Hoon HAN, M.D., Ph.D., do declare as follows:

1. I am a named inventor in the above identified patent application.
2. I have earned a degree of MD from Catholic University of Korea. My studies involved an exchange professor in UCLA.
3. My current position is CEO at Histostem Corporation. My position involves Director of R&D Center of Histostem Corporation. I have also been a chairman of The Korean Society for Biomaterials.
4. The invention claimed in the present application is for the isolation and culturing of mesenchymal stem cells (MSCs) from umbilical cord blood (UCB), which is a poor source of MSCs. The culturing step uses an α MEM medium containing the growth factors: Stem Cell Factor, GM-CSF (granulocyte-macrophage colony-stimulating